VERSION DESCRIPTION DOCUMENT

FOR THE

NASA PERSONNEL/PAYROLL SYSTEM

Software Release

8.8.2

PrISMS Contract

Date: June 13, 2003

National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, Alabama   35812

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 8.8.2**

Prepared by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

June 13, 2003

**VERSION DESCRIPTION DOCUMENT
FOR THE
NASA PERSONNEL/PAYROLL SYSTEM
SOFTWARE RELEASE 8.8.2**

Approved by

	06/13/03
Marisa Wofford	Date
Consolidation Center Project Manager	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, AL

June 13, 2003

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APPENDICES

1.   INTRODUCTION

This Version Description Document (VDD) identifies the exact version of the National Aeronautics and Space Administration (NASA) Personnel/Payroll System (NPPS) software released for installation/implementation.

1.1   IDENTIFICATION OF THE RELEASE

System Name – NPPS

Release Number – SOFTWARE RELEASE 8.8.2

The release datasets will be made available to the support Database Administrator (DBA) for installation, at which time all centers will be notified that it has been installed in the appropriate test database.

1.2   PURPOSE OF THE RELEASE

The purpose of this release is to implement the NPPS software allocated for this release in a test environment. The detailed description of the release is specified in Appendix C, Functional Change Validation Procedures.

1.3   SCOPE OF THE RELEASE

The VDD provides the functional and technical user of NPPS with the following information regarding changes to the contents and status of the application, NPPS Release 8.8.2, including the following:

- Changes implemented since the last release

- References to other documents affected by this release

- Changes to application files and data formats

- Detailed software installation procedures

- Validation procedures to ensure the reliability of the software changes.

1.4 CONTACT POINTS

Sustaining Engineering Support for Agencywide Administrative Systems (SESAAS) provides sustaining engineering for NPPS through the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center located at Marshall Space Flight Center (MSFC). Questions regarding the function and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (use the following Key Words: SESAAS & NPPS)

Telephone: (256) 544-5516

E-Mail: billy.graham@msfc.nasa.gov

FAX: (256) 544-1836

2.   FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1   FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Predict changes related to this release.

2.2   FUNCTIONAL INTERFACES

Not Applicable

2.3   CRITICAL ISSUES

Not Applicable

2.4   AFFECTED DOCUMENTS

The following document will be affected by this release:

>   NPPS System/Software Requirements Specification (SRS)
>   NPPS-UOG-10, NPPS User and Operations Guide (UOG)
>   Employee Express Interface Change Document (EEICD)

The modified pages of this document will be distributed under separate cover.

2.5   APPLICATION SYSTEM ADMINISTRATION

Not Applicable

3. <u>TECHNICAL INFORMATION</u>

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration.

3.1   TECHNICAL SYSTEM INTERFACES

Not Applicable

3.2   DATA DICTIONARY CHANGES

The data dictionary changes are detailed in Appendix D, Installation Instructions.

3.3   SOFTWARE OBJECT CHANGES

Modified programs are specified in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4   DATABASE ADMINISTRATION

The specific database administration activities for NPPS 8.8.2 are detailed in Appendix D, Installation Instructions.

3.4.1 Release Dataset Names

The datasets for SOFTWARE RELEASE 8.8.2 are included in the Introduction of Appendix D, Installation Instructions.

3.4.2 Inventory of Objects

An inventory of objects is described in Paragraph 3.2 of Appendix D, Installation Instructions.

3.4.3 Storage Considerations

Not Applicable

3. 4.4 Installation Procedures

Refer to Appendix D, Installation Instructions, for detailed installation procedures.

3.5   OPERATIONAL PREPARATION

Refer to the procedures described in Section 3.4.4 for assistance in preparing for proper installation and operational use of the release.

APPENDIX A
ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

ADP   Automated Data Processing

CPO   Consolidated Payroll Office

DBA   Database Administrator

DDM   Data Definition Module

DR   Discrepancy Report

EE   Employee Express

EEICD   Employee Express Interface Change Document

HR   Human Resources

ICD   Interface Change Document

IRM   Information Resources Management

JCL   Job Control Language

L&E   Leave and Earnings Statement

MSFC   Marshall Space Flight Center

NACC   NASA ADP Consolidation Center

NASA   National Aeronautics and Space Administration

NPPS   NASA Personnel/Payroll System

RC   Requirements Change

SESAAS   Sustaining Engineering Support for Agencywide Administrative Systems

VDD   Version Description Document

APPENDIX B
GLOSSARY

GLOSSARY

Consolidation Center

Responsibility for processing and balancing payroll for all centers in the consolidated database.

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of an application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C

FUNCTIONAL CHANGE VALIDATION PROCEDURES

**VALIDATION PROCEDURES
SOFTWARE RELEASE 8.8.2
PERSONNEL & PAYROLL**

20030009

Purpose: To implement processing for the Thrift Savings Plan (TSP) "catch-up" program.

1. Test the **TRETIR** screen.

    A. **Test Procedure**:

        1) Access the TRETIR screen and verify it displays the field, TSP Catch-up, with an annual limit of $2000, for all Retirement Codes.

        2) Change the TSP Catch-up amount.

        3) Reset TSP Catch-up limit (TRETIR) to $2000.

    B. **Validation**: Verify the TRETIR screen accepts the changes to the TSP Catchup limit.

2. Test the **Full Tables Report** (NE00364).

    A. **Test Procedure**: Run the batch job for table TRETIR and print the output report.

    B. **Validation**: Verify the report reflects data from the modified TRETIR table.

3. Test the **TSP** screen for TSP Catch-up processing. Note that testing will require employees who are "active" (Duty Status = D), participating in TSP (TSP Status = Y), at least 50 years of age by the end of the current calendar year, and who have Biweekly TSP Deduction set at the maximum percentage or amount.

    A. **Test Procedure**: For each test employee

        1) Access the TSP screen and enter a TSP Biweekly Catch-up Deduction Amt in whole dollars, but less $2000.

        2) Give the employee a valid time card via TAEDIT.

    B. **Validation**:

        1) Verify the TSP screen reflects the following new fields for TSP Catch-up: Deduction TSP Amt, Current PP Amount, and Year To Date.

        2) Verify normals are recalculated and that the input amount is reflected on the refreshed TSP screen.

        3) Verify the appropriate TSP Catch-up deduction is reflected on QREG, screen 1.

4) Verify the appropriate TSP Catch-up deduction is reflected on QNORM, screen 3.

5) Verify the appropriate TSP Catch-up deduction is reflected on TSP in Catch-up: Current PP Amount and Catch-up: Year To Date.

4. Test the **TSPADJ** screen for the new TSP Catch-up adjustment types:

86 (Catch-up amount omitted from previous submission;

29 (negative Catch-up amount submitted erroneously; and

88 (Catch-up amount for deductions rejected previously by the NFC.

Note: These adjustments mirror the functionality in TSPADJ for Adjustment Types 16, 26, and 46, respectively.

A. **Test Procedure**:

1) Input each of the new adjustment types.

2) Give each of the test employees a valid time card.

3) Schedule and run the Transaction Report (CA00201).

4) Schedule and run Payroll Products (CA00004).

5) Schedule and run Final Pay Reports (CA00005).

6) Print all output reports.

B. **Validation**:

1) Verify the input Catch-up adjustments are reflected on TSPADJ.

2) Verify the input adjustments are reflected on TSP in Catch-up Current PP Amount and Year To Date as appropriate.

3) Verify the input adjustments are reflected on YTDTSP as appropriate.

4) Verify Pay Period History (QHISTPP) has been updated to reflect TSP Catch-up deductions and adjustments as appropriate.

5) Verify all TSP Catch-up transactions are reflected on the Transaction Report 201 as appropriate.

   (a) Verify all TSP Catch-up deductions and adjustments are reflected, as appropriate, on the following reports.

   (b) Payroll Register, Report 202

   (c) TSP Transmission Tape Listing, Report 314 (Note that all "regular" biweekly payroll deductions for TSP Catch-up generate Record Type 86)

   (d) SF1166 Voucher and Schedule of Payments, Report 406

   (e) Federal Retirement TSP, Report 507

(f) Tax Withholding, Report 408

(g) SF1150 Record of Leave, Report 409

6) Verify the online TSP Voucher (TSP2) reflects all TSP Catch-up deductions and adjustments and matches Report 507.

5. Test **Leave and Earnings Statements** for TSP Catch-up.

A. **Test Procedure**:

1) Schedule and run L & E Statements Generation (NA00555).

2) Schedule and run L & E Statements Reprint (NA00557).

3) Schedule and run L & E Through Employee Express (CAEE006).

4) Print all output L & E Statements.

B. **Validation**:

1) Verify the printed L & E Statements reflect the appropriate TSP Catch-up deductions and adjustments for current pay period and year to date.

2) Verify the outgoing "web L & E" file includes all appropriate TSP Catch-up deductions and adjustments as indicated in the updated EEICD.

6. Test **other reports** for TSP Catch-up.

A. **Test Procedure**:

1) Schedule and run the following:

(a) Master Employee Record, Report 200 (CA00200); and

(b) Individual Pay Record, Report 423 (NA00423).

2) Print the output reports.

B. **Validation**: Verify Reports 200 and 423 reflect the appropriate TSP Catch-up deductions and adjustments, current pay period and year to date, as appropriate.

7. Test **Employee Express** processing for TSP Catch-up. Note that there are two new EE transactions per the updated Employee Express Interface Control Document (EEICD):

0074, Start/Change TSP Catch-up

0075, Stop TSP Catch-up

A. **Test Procedure 1**: Setup the necessary transactions 0074 and 0075 as desired to start, change, and stop TSP Catch-up contributions.

1) Schedule and run Express Transaction File (CAEE001).

2) Print the output EE Transaction Report (EEB001).

B. **Validation 1**:

    1) Verify the incoming EE TSP Catch-up transactions are reflected in Payroll Suspense through SACT and/or SEMP as input.

    2) Verify the incoming EE TSP Catch-up transactions are reflected on the EE Transaction Report.

C. **Test Procedure 2**: Schedule and run Payroll Batch Mature (CA00001).

D. **Validation 2**:

    1) Verify all suspended TSP (catch-up) transactions are no longer in Payroll Suspense.

    2) Verify all TSP (catch-up) transactions have matured as expected.

E. **Test Procedure 3**: Schedule and run Express Master Create (CAEE002).

F. **Validation 3**: Verify the outgoing "refreshed" EE Master File includes all the changed TSP data in accordance with the EEICD.

8. Test **Payroll Year End** for TSP Catch-up processing.

A. **Test Procedure**:

    1) Input typical payroll data, including TSP Catch-up transactions for several payroll cycles to reach the end of the "pay year."

    2) Schedule and run the following batch jobs, in the order prescribed:

        (a) W2 Wage and Tax, Report 418 (CA00418)

        (b) W2 Checklist, Report 419 (CA00419)

        (c) Create W2 Tape (CA00023)

        (d) Update Pay Year End (CA00020)

    3) Print all output reports.

B. **Validation**:

    1) Verify the printed reports (418 and 419) reflect the appropriate TSP Catch-up deductions and adjustments.

    2) Verify the output W2 tape reflects the appropriate W2 data for TSP Catch-up.

    3) Verify control and year to date values for the year ended have been initialized.

NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 8.8.2
JUNE 2003

The purpose of this release is to implement the changes allocated to
SOFTWARE RELEASE 8.8.2 described below.

SOFTWARE RELEASE 8.8.2

RC 1620s IMPLEMENTED

CCR	Description
20030009	TSP Catch-Up Contributions
20030041	UUPIC ICD Documentation Only Update
20030042	Changes to EEICD Documentation Only

***** RECORD COUNT = 03**

DC 1620s IMPLEMENTED

CCR	Description
20030049 ER	Unable to Extend TOA Date

***** RECORD COUNT = 01**

APPENDIX D
INSTALLATION INSTRUCTIONS

NASA PERSONNEL PAYROLL SYSTEM
RELEASE DESCRIPTION
SOFTWARE RELEASE 8.8.2
June 2003

Introduction

Release Date – June 13, 2003

Release Inventory:

Dataset Names:

The following dataset is located on the transient storage DASD volumes under the following dataset name:

- MSMOV.NPPS.PROD.R882.R0603.SRC
- MSMOV.NPPS.PROD.R882.R0603.GLS
- xxMOV.NPPS.PROD.R882.R0603.PRD

Physical media:
    VDD

In case of installation problems contact the NACC Technical Services Center (Use following Key Words: SESAAS & NPPS):

    Telephone: (256) 544-5516
    E-Mail: billy.graham@msfc.nasa.gov
    Fax: (256) 544-1836

Installation Sequence
The sequence in which the installation of this release should occur is provided in the following list. Applicable sections are listed in the Installation Checklist.

 1.0 Backup Existing Data
 2.0 Copy Source/Object Code
 3.0 Pre-Predict Data Conversion
 4.0 Install Predict
 5.0 Install Data Glossary
 6.0 Catalog Source Code
 7.0 Post-Predict Data Conversion
 8.0 JCL/BJS/Xerox Modifications
 9.0 Special Instructions
10.0 Installation Checklist

1.0   BACKUP EXISTING DATA

It is advisable to back up all NPPS files as a precautionary measure prior to installation of software release.

2.0   COPY SOURCE

2.1   Copy Source Modules

When installing SOFTWARE RELEASE 8.8.2, load the NPPS new and modified programs from dataset MSMOV.NPPS.PROD.R882.R0603.SRC using the Natural utility NATLOAD. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type

Global Data Areas	0
Copycode	1
Maps	13
Helproutines	1
Subroutines	3
Subprograms	6
Local/Param Data Areas	8
Programs	58
Text	0
Process	0
Miscellaneous Objects	0
=============================	
Total Programming Objects	90
Total Views Unloaded	0
Total Objects Read	0
Total Object Unloaded	0

2.2 List of Source Code Modifications

##	MODULE	DESCRIPTION
1.	EEB001	READ TRANSACTIONS IN FROM OPM
2.	EEB002	CREATE/UPDATE EE MASTER RECORDS
3.	EEB004	BUILD WORK FILE TO SEND TO EXPRESS MACON
4.	EEB006	LEAVE AND EARNINGS FILE FOR WEB
5.	EEBLDA1	NPS2-EXPRESS-MASTER FOR EEB004
6.	LDA6160B	NPS2-PAYHIST-ONE FOR NAB6160
7.	LDA6160C	NPS2-MER-FILE FOR NAB6160
8.	NAB101	OLD VS. NEW NORMALS
9.	NAB200B	REPORT 200
10.	NAB200C	REPORT 200
11.	NAB200D	REPORT 200
12.	NAB200E	REPORT 200
13.	NAB202	PAYROLL REGISTER
14.	NAB202A	PRINTING THE PAYROLL REGISTER
15.	NAB314EX	TT TSP EXTRACT
16.	NAB314PT	TT TSP LIST / REPORT 500
17.	NAB314TP	TSP TAPE LISTING
18.	NAB406A	SF1166 VOUCHER AND SCHEDULE OF PAYMENTS
19.	NAB418	PROCESS W-2 FORMS
20.	NAB419	W2 CHECKLIST REPORT 419
21.	NAB423	PAY HISTORY REPORT
22.	NAB555	LEAVE AND EARNINGS MODULE
23.	NAB557	REPRINT L&E STATEMENTS
24.	NAB6040	GENERATE SSA TAPE AND REPORT
25.	NAB6050	END OF YEAR UPDATE
26.	NAB6060	PAYROLL INITILILIZATION
27.	NAB6070	RESET OLD NORMALS
28.	NAB6071	NORMALS REPORT 505
29.	NAB6080	NORMALS RECALCULATION
30.	NAB6080B	NORMALS RECOMPUTATION - STATE TAXES
31.	NAB6080C	NORMALS RECOMPUTATION - CITY TAXES
32.	NAB6080D	NORMALS RECOMPUTATION (STATE TAXES)

##	MODULE	DESCRIPTION
33.	NAB6080X	NORMALS RECOMPUTATION (PAYBLOCK TOTALS)
34.	NAB6160	HISTORY FILE UPDATE, PART 1
35.	NAF200B1	REPORT 200 FORM
36.	NAF200B2	REPORT 200 FORM
37.	NAF200C	REPORT 200 FORM
38.	NAF200D	REPORT 200 FORM
39.	NAF200E	REPORT 200 FORM
40.	NAF406B	SF1166 VOUCHER AND SCHEDULE OF PAYMENTS
41.	NAH0002	HELP FUNCTION FOR TSPADJ
42.	NAL3161B	T&A PROCESSING
43.	NAM1237	THRIFT SAVINGS PLAN (TSP)
44.	NAM1261	CURRENT TSP ADJUSTMENTS
45.	NAM1442	O/L PAY MER YTD ADJUSTMENTS
46.	NAM1444	TRANSFER IN DATA (TRANSIN)
47.	NAM1593	QHIST3
48.	NAM2050	RETIREMENT PLAN TABLE
49.	NAM555A	L&E STATEMENT / MAP
50.	NAO1237	THRIFT SAVINGS PLAN (TSP)
51.	NAO1261	TSP ADJUSTMENTS
52.	NAO1261B	TSP ADJUSTMENTS
53.	NAO1261C	TSP ADJUSTMENTS
54.	NAO1441B	YTD DEDUCTIONS 1 (YTDDED1)
55.	NAO1442	O/L PAY MER YTD ADJUSTMENTS
56.	NAO1442B	YTD DEDUCTIONS TSP SAVINGS PLAN (YTDTSP)
57.	NAO1444	TRANSFER IN DATA (TRANSIN)
58.	NAO1520	OLD VS. NEW NORMALS (QNORM)
59.	NAO1550	PAYROLL REGISTER (QREG)
60.	NAO1587	TOUR OF DUTY NORMALS (QPAY)
61.	NAO1591	PAY PERIOD HISTORY SUMMARY (QHIST1)
62.	NAO2050	RETIREMENT PLAN CODE TABLE MAINTENANCE
63.	NAO3150A	T&A PROCESSING
64.	NAO3150B	OFFICIAL PAY RECORD - NET PAY
65.	NAO3150C	OFFICIAL PAY RECORD - NET PAY
66.	NAO3150D	OFFICIAL PAY RECORD - NET PAY

##	MODULE	DESCRIPTION
67.	NAO3150F	OFFICIAL PAY RECORD - NET PAY
68.	NAO3150G	OFFICIAL PAY RECORD - NET PAY
69.	NAO3150T	OFFICIAL PAY RECORD - NET PAY
70.	NAO3160A	OFFICIAL PAY RECORD - BACK OUT
71.	NAO3160B	OFFICIAL PAY RECORD - BACK OUT
72.	NAO3160C	T&A PROCESSING
73.	NAO4910	ONLINE TSP2 VOUCHER SCREEN
74.	NAO9101	NORMALS GROSS, FED TAX, ETC CALCULATION
75.	NAO9107	NORMALS NET PAY & PAYBLOCK UPDATE
76.	NAO9120O	CALCULATE STATE TAXES
77.	NAO9120P	CALCULATE STATE TAXES
78.	NAO9120R	CALCULATE CITY TAXES
79.	NEB364A	FULL PAYROLL TABLES REPORT (REPORT 364)
80.	NEO3145 **ER**	TIME OFF AWARDS MATURE PROCESSING
81.	NLD9100S	NORMALS VARIABLE FIELDS - STRUCTURE VERSION
82.	NPB000LA	NPS2-PAY MASTER VIEW
83.	NPB000LB	NPS2-MER-FILE VIEW
84.	NPB000LD	MASTER FILE READ
85.	NPB000PA	CREATE WORKFILE FROM PAY, MER, ADDR
86.	NPS606SA	PAY INITIALIZATION
87.	NSS201G	TRANSACTION REPORT OF TSP
88.	NSS9100	NORMAL VARIABLE FIELDS
89.	NSS201AC	TRANSFER IN DATA (TRANSIN NAO1444) LAYOUT

RELEASE PROGRAMS (NEW) ==> 89

2.3   List of Source Code Additions

MODULE	DESCRIPTION
NPTL0058	TOOL - TOOL TO CORRECT LTC YTD FIELDS

RELEASE PROGRAMS (NEW) ==> 01

2.4   List of Source Code Deletions

Not applicable

3.0   PRE-PREDICT DATA CONVERSION

Not applicable

4.0   INSTALL PREDICT

4.1   Data Dictionary Changes

This release includes the enhancements for version 8.8.0. Details for changes in this release can be found under paragraph 4.1.3, Physical File Changes, or by performing Predict reporting on the keyword NPPS-8.8.2.

Use SYSDICBE to load the PREDICT modifications from the dataset xxMOV.NPPS.PROD.R882.R0603.PRD.

The following NPPS Data Definition Modules (DDMs) should be generated after the PREDICT load is complete.

NPS2-NORM-FILE	U	227
NPS2-PAY-MASTER	U	227
NPS2-PAY-PHYSICAL	A	227
NPS2-PAY-TABLES	A	230
NPS2-PAY-TSP-ADJ	A	231
NPS2-PAYHIST-ONE	A	225
NPS2-REG-FILE	U	227
NPS2-RETIR-TABLE	U	230

4.1.1   Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the PREDICT object modules for this release.

Predict Objects by Type:

Keyword 1
Standard Files 0
Conceptual Files   6
ADABAS Files and Views 32

4.1.2   Storage Considerations

The changes represented by this release should not affect storage requirements.

4.1.3 Physical File Changes

```
Add the following field:

NPS2-EXPRESS-MASTER      file 240
Ty L Field ID                            F   Length   Occ    D U DB S
*- - ----------------------------- *- -------- ----- * * -- *
1 MER-TSP-CU-EAMT                        N     4.0              BW N

using the following commands:

//DDKARTE    DD   *
ADADBS NEWFIELD FILE=240
ADADBS FNDEF='01,BW,4,U,NU'
/*


Add the following fields:

NPS2-PAY-PHYSICAL             file 227
Ty L Field ID                            F   Length   Occ    D U DB S
*- - ----------------------------- *- -------- ----- * * -- *
   1 MER-TSP-CU-EAMT                      N     4.0              BY N
   1 MER-TSP-CU-EMP-DED-AMT               N     4.0              BZ N
   1 MER-TSP-CU-EMP-LATE-PMT-AMT          N     4.0              CC N
   1 MER-TSP-CU-EAJ-TOT-DED-AMT           N     4.0              CD N

using the following commands:

//DDKARTE    DD   *
ADADBS NEWFIELD FILE=227
ADADBS FNDEF='01,BY,4,U,NU'
ADADBS FNDEF='01,BZ,4,U,NU'
ADADBS FNDEF='01,CC,4,U,NU'
ADADBS FNDEF='01,CD,4,U,NU'
/*

Additional PE occurences used for TSP CATCHUP:
PAY-CUR-DOL(83-84)
PAY-YTD-ARRAY-AMTS(98)
PAY-NORMAL-FIELD(27)
PAY-NORMAL-FIELD(69)


Add the following field:

NPS2-PAY-TABLES          file 230
Ty L Field ID                            F   Length   Occ    D U DB S
*- - ----------------------------- *- -------- ----- * * -- *
   1 RT-TSP-CATCHUP-YEARLY-MAX-AMT        N     5.0              TD N

using the following commands:

//DDKARTE    DD   *
ADADBS NEWFIELD FILE=230
```

```
ADADBS FNDEF='01,TD,5,U,NU'
/*


Add the following fields:

NPS2-PAY-TSP-ADJ              file 231
Ty L Field ID                         F  Length  Occ   D U DB S
*- - ------------------------------- *- -------- ----- * * -- *
PE 1 NPPS-TSP-CU-ADJ-DATA                           78        AE
   2 NPPS-TSP-CU-ADJ-DATE             N    8.0             AC N
   2 NPPS-TSP-CU-ADJ-AMT              N    4.0             AD N

using the following commands:

//DDKARTE   DD   *
ADADBS NEWFIELD FILE=231
ADADBS FNDEF='01,AE,PE'
ADADBS FNDEF='02,AC,8,U,NU'
ADADBS FNDEF='02,AD,4,U,NU'
/*

Updated default occurrences from 26 to 78 for
PE Group NPPS-TSP-ADJ-DATA.


Add the following fields:

NPS2-PAYHIST-ONE              file 225
Ty L Field ID                         F  Length  Occ   D U DB S
*- - ------------------------------- *- -------- ----- * * -- *
   1 MER-TSP-CU-EAMT                  N    4.0             QN N
   1 MER-TSP-CU-EMP-DED-AMT           N    4.0             RK N
   1 MER-TSP-CU-EAJ-TOT-DED-AMT       N    4.0             RL N
   1 TSP-CU-YTD-DED-AMT               N    8.2             RM N
   1 EMPL-TRANS-IN-YTD-TSP-CU-DED-AMT N    8.2             RN N

using the following commands:

//DDKARTE   DD   *
ADADBS NEWFIELD FILE=225
ADADBS FNDEF='01,QN,4,U,NU'
ADADBS FNDEF='01,RK,4,U,NU'
ADADBS FNDEF='01,RL,4,U,NU'
ADADBS FNDEF='01,RM,10,U,NU'
ADADBS FNDEF='01,RN,10,U,NU'
/*
```

5.0   INSTALL DATA GLOSSARY

Load the ADABAS file NPS2-DATA-GLOSSARY (file #243, 4373 records) from the dataset MSMOV.NPPS.PROD.R882.R0603.GLS using the following ADABAS ADASAV utility commands.

ADASAV RESTORE OVERWRITE
ADASAV FMOVE=243

6.0   CATALOG SOURCE CODE

When installing SOFTWARE RELEASE 8.8.2, run a batch job to catalog (CATALL) all modules in the NPPS or other named library. It is not necessary to catalog the Global Data Area. The Batch standard parameters should be used for the compile.

After objects are compiled, the NPPS application will run under the On-line standard parameters.

7.0   POST-PREDICT DATA CONVERSION

Not applicable

8.0   JCL/BJS/Xerox MODIFICATIONS

JCL/BJS

NPB000PA / Master File Change

As a result of changing NPB000LD, the LRECL of the master work file was changed from 9699 to 9781 (30 bytes) and the BLKSIZE was changed from 19398 to 19562 in all job streams that contain the &&MASTER file.

Xerox

L&E Form

A new Xerox form has been created for the Leave and Earnings Statement. This form name is LE8. This change incorporates the new TSP Catchup amounts.

The new form will be distributed to the Xerox contacts at each center via diskette or e-mail attachment whichever is applicable to the center.

External Datasets

The existing GDG generations of the Leave and Earnings Statement created using pre-8.8.2 software (NA00555) will not run with the new Xerox form. A copy of the pre-8.8.2 generations will need to be kept for a period of time (5 pay periods from the implementation of this release) under another naming convention. The existing generations will need to be deleted as part of the implementation of this release.

9.0   SPECIAL INSTRUCTIONS

9.1   Update NPPS Release Number

The following process will update the NPPS software numbers:
1.   Execute program TOOLVRSN from the Natural Command line.
2.   When installing SOFTWARE RELEASE 8.8.2, enter "8.8.2" for software version number.
3.   Press ENTER; a confirmation message displays.
4.   Press PF3 to exit the program.

9.2   NPPS Tables Updates

The following tables changes must be in place to support this release. These updates will be released with NPPS Tables Release 2.5 and further information on them can be found in the applicable VDD.

1. TPAYMSG
a. `3313 '* INSUFFICIENT NET AMOUNT, NO TSP CATCH-UP DEDUCTION'`
b. `3314 '* TSP CATCH-UP ADJUSTMENT NEGATES NET EARNINGS. NOT APPLIED'`
c. `3315 '* CURR TSP DEDUCTION NOT ENOUGH TO ALLOW TSP CATCH-UP DED'`

2. TRETIR
For **ALL** "RET FICA CODE:" values, enter 2000.00 for "TSP CATCHUP"

10.0   INSTALLATION CHECKLIST

1.0   Back Up Existing Data
2.0   Copy Source
6.0   Catalog Source Code
8.0   JCL/BJS/Xerox Modifications
9.0   Special Instructions